

## FIG.2

MOBILE TERMINAL

BASE STATION APPARATUS

RADIO NETWORK CONTROL APPARATUS

5

## FIG.3

11 MOBILE TERMINAL

12 BASE STATION APPARATUS

13 RADIO NETWORK CONTROL APPARATUS

10

## FIG.4 FIG.12

102 RADIO LAYER 1 PROCESSING SECTION

103 CQI EXTRACTING SECTION

104 SCHEDULER

15 105 MAC-d PROCESSING SECTION

106 RLC PROCESSING SECTION

TO RADIO NETWORK CONTROL (RNC) APPARATUS

FROM RADIO NETWORK CONTROL (RNC) APPARATUS

107 BUFFER

20 108 HS-DSCH/FP PROCESSING SECTION

109 MAC-hs PROCESSING SECTION

## FIG.5

202 RADIO LAYER 1 PROCESSING SECTION

25 203 MAC-hs PROCESSING SECTION

204 MAC-d PROCESSING SECTION

205 RLC PROCESSING SECTION

## FIG.6

FROM CQI EXTRACTING SECTION 103

301 CQI REFERRING SECTION

302 COMPARISON CONTROL SECTION

5 TO RLC PROCESSING SECTION 106

FROM BUFFER 107

## FIG.7

401 SEPARATING SECTION

10 FROM MAC-d PROCESSING SECTION 105

TO RADIO NETWORK CONTROL (RNC) APPARATUS

402 BUFFER

403 MULTIPLEXING CONTROL SECTION

FROM RADIO NETWORK CONTROL (RNC) APPARATUS

15 TO MAC-d PROCESSING SECTION 105

FROM HS-DSCH/FP PROCESSING SECTION 108

## FIG.8

RECEIVABLE DATA AMOUNT

20

## FIG.9

COMMUNICATION TERMINAL APPARATUS

BASE STATION APPARATUS

RADIO NETWORK CONTROL APPARATUS

25

## FIG.10

100 BASE STATION APPARATUS

(BUFFER 107 OR HS-DSCH/FP PROCESSING SECTION 108)

(RLC PROCESSING SECTION 106)

200 COMMUNICATION TERMINAL APPARATUS

5 FIG.11

801 CQI REFERRING SECTION

FROM CQI EXTRACTING SECTION 103

802 QUEUING DELAY CALCULATING SECTION

FROM BUFFER 107

10 803 COMPARISON CONTROL SECTION

TO RLC PROCESSING SECTION

THRESHOLD INFORMATION

FIG.12

15 901 SEPARATING SECTION

902 RETRANSMISSION PACKET BUFFER

903 NEW PACKET BUFFER

FIG.13

20 900 BASE STATION APPARATUS

(RETRANSMISSION PACKET BUFFER 902, NEW PACKET BUFFER 903,

HS-DSCH/FP PROCESSING SECTION 108)

(RLC PROCESSING SECTION 106)

200 COMMUNICATION TERMINAL APPARATUS

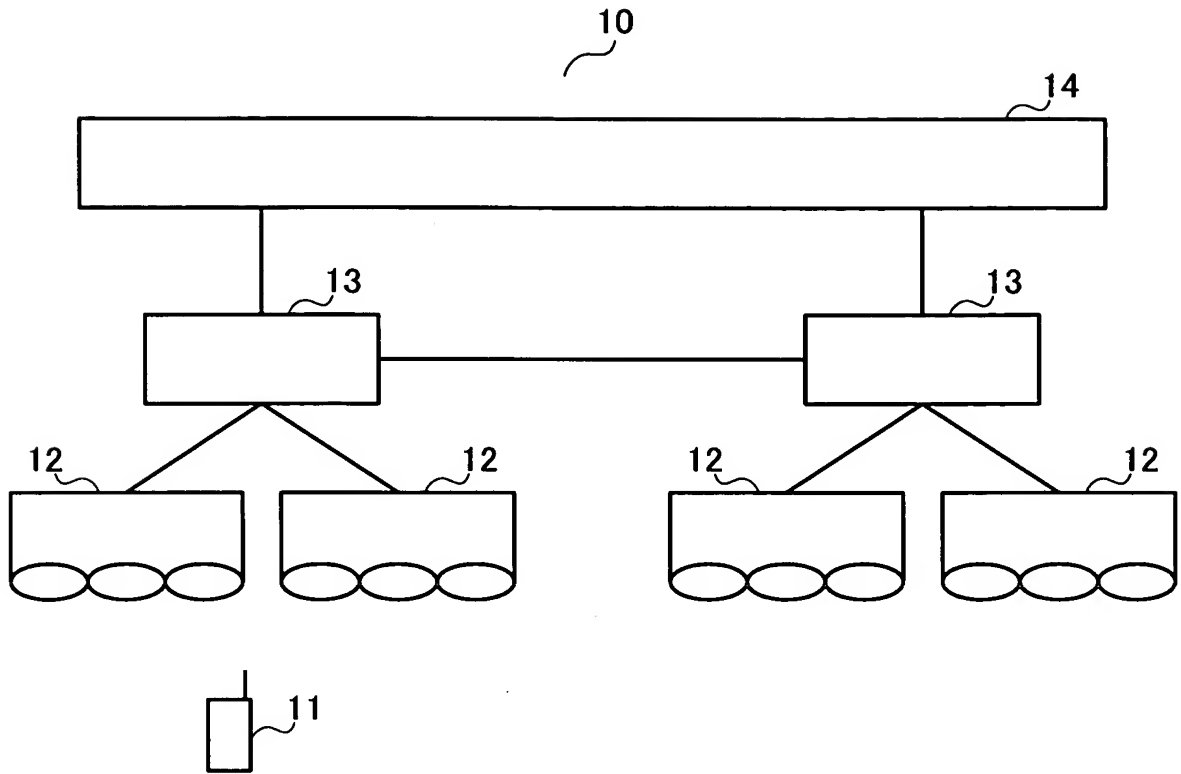


FIG.1

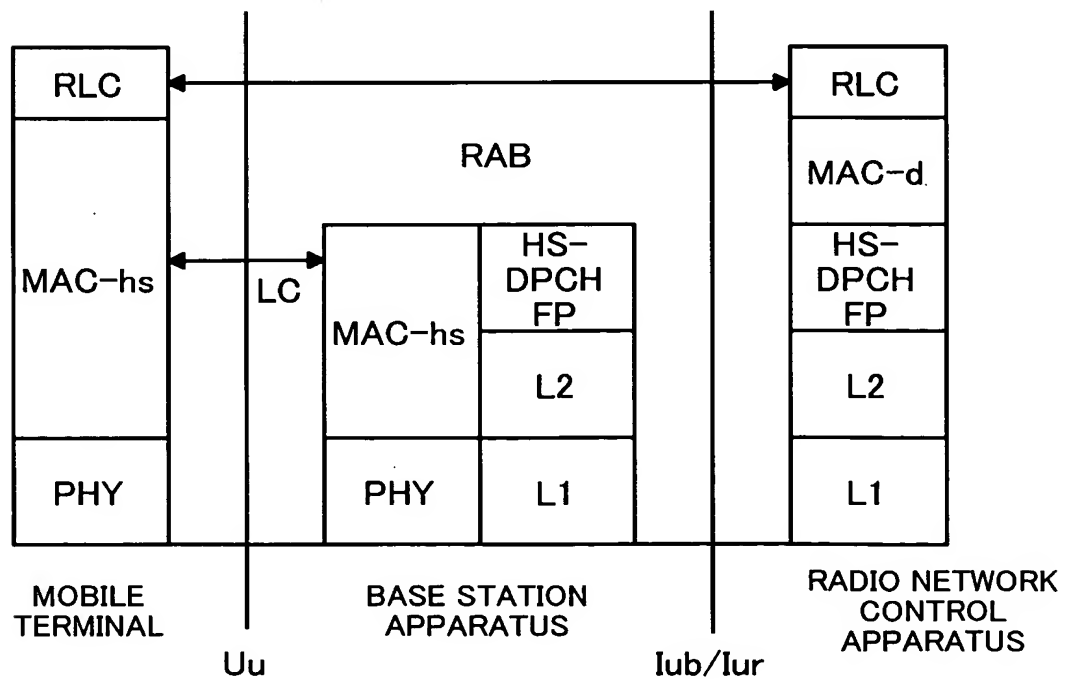
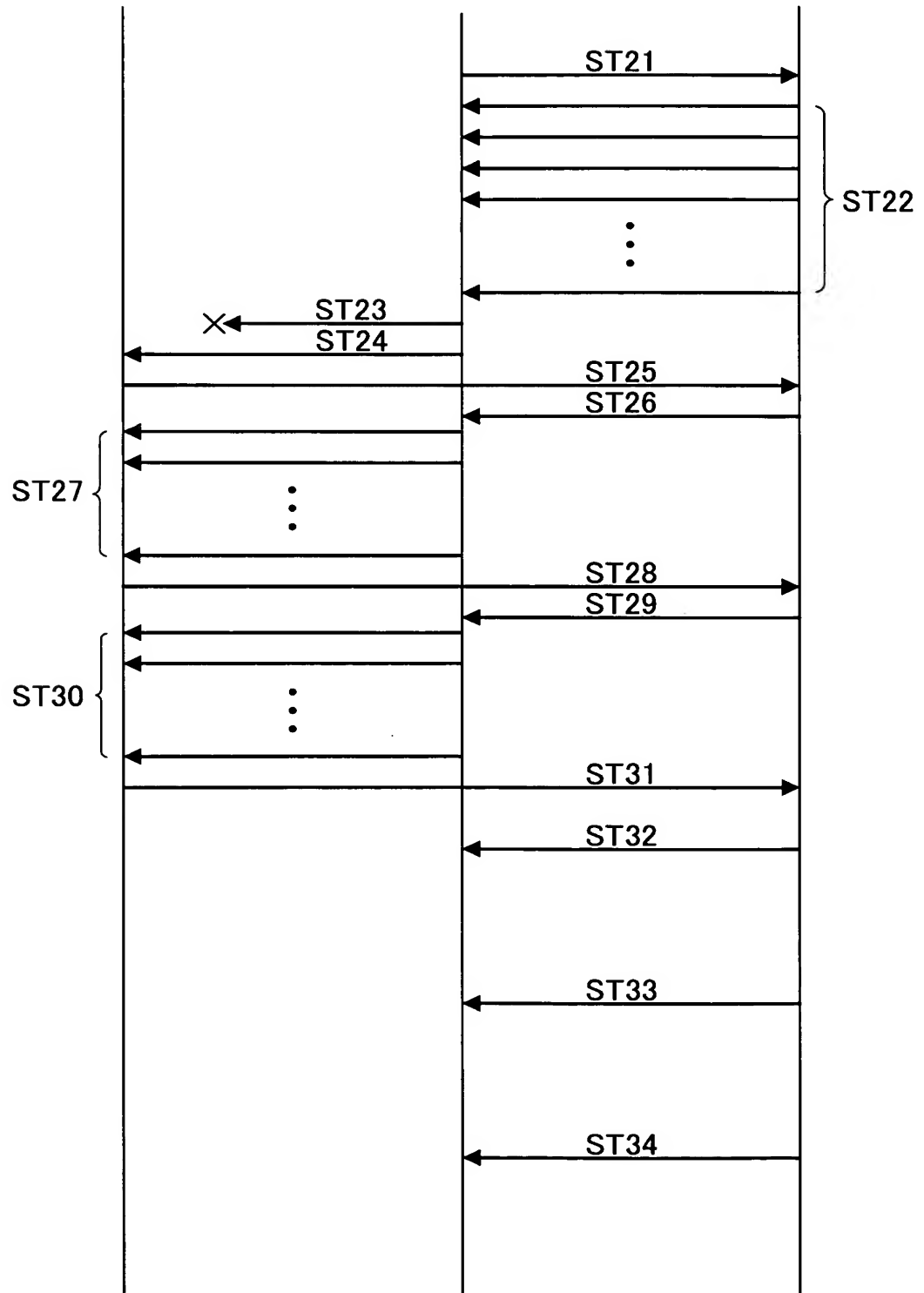


FIG.2



**FIG.3**

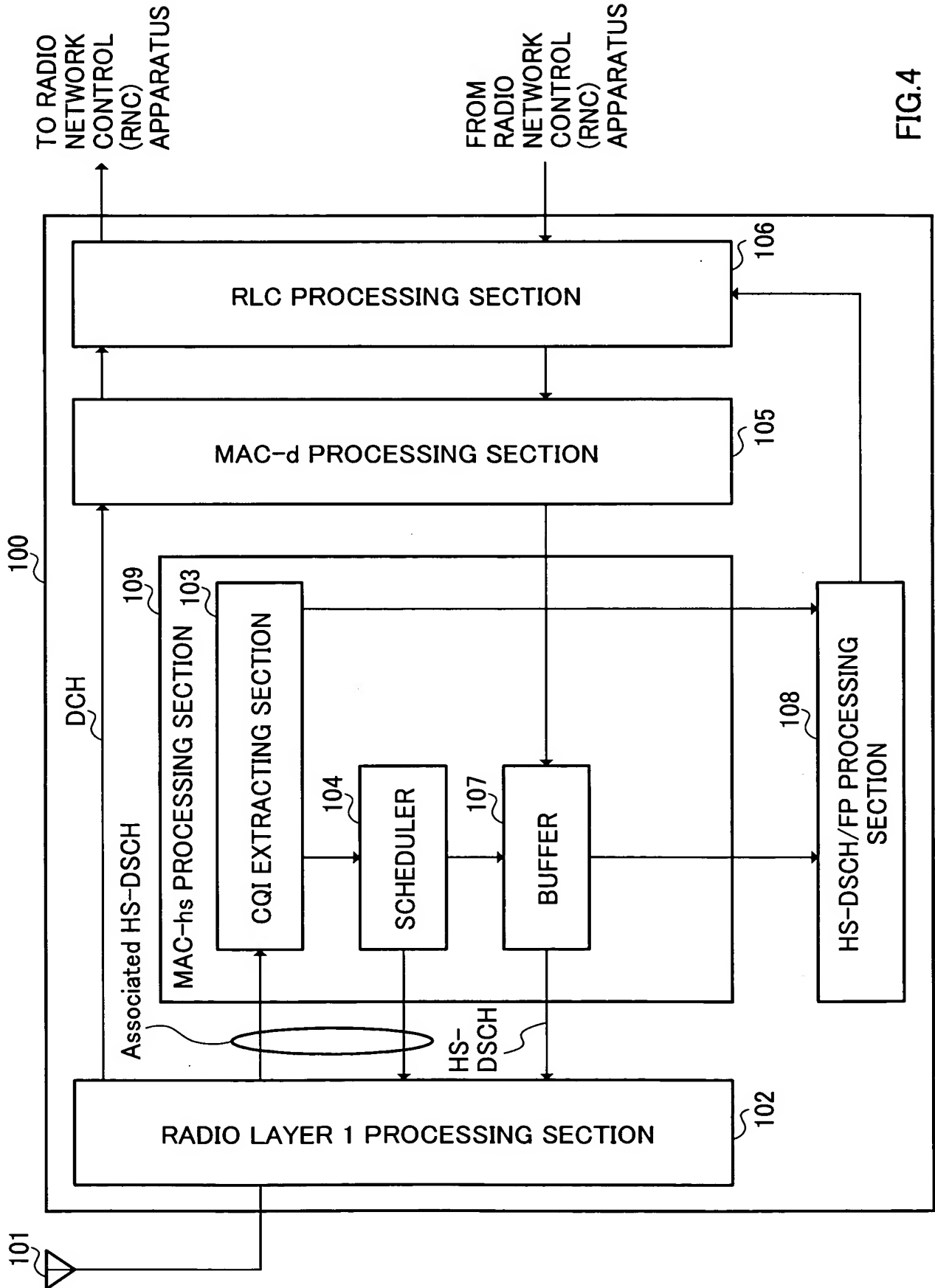


FIG.4

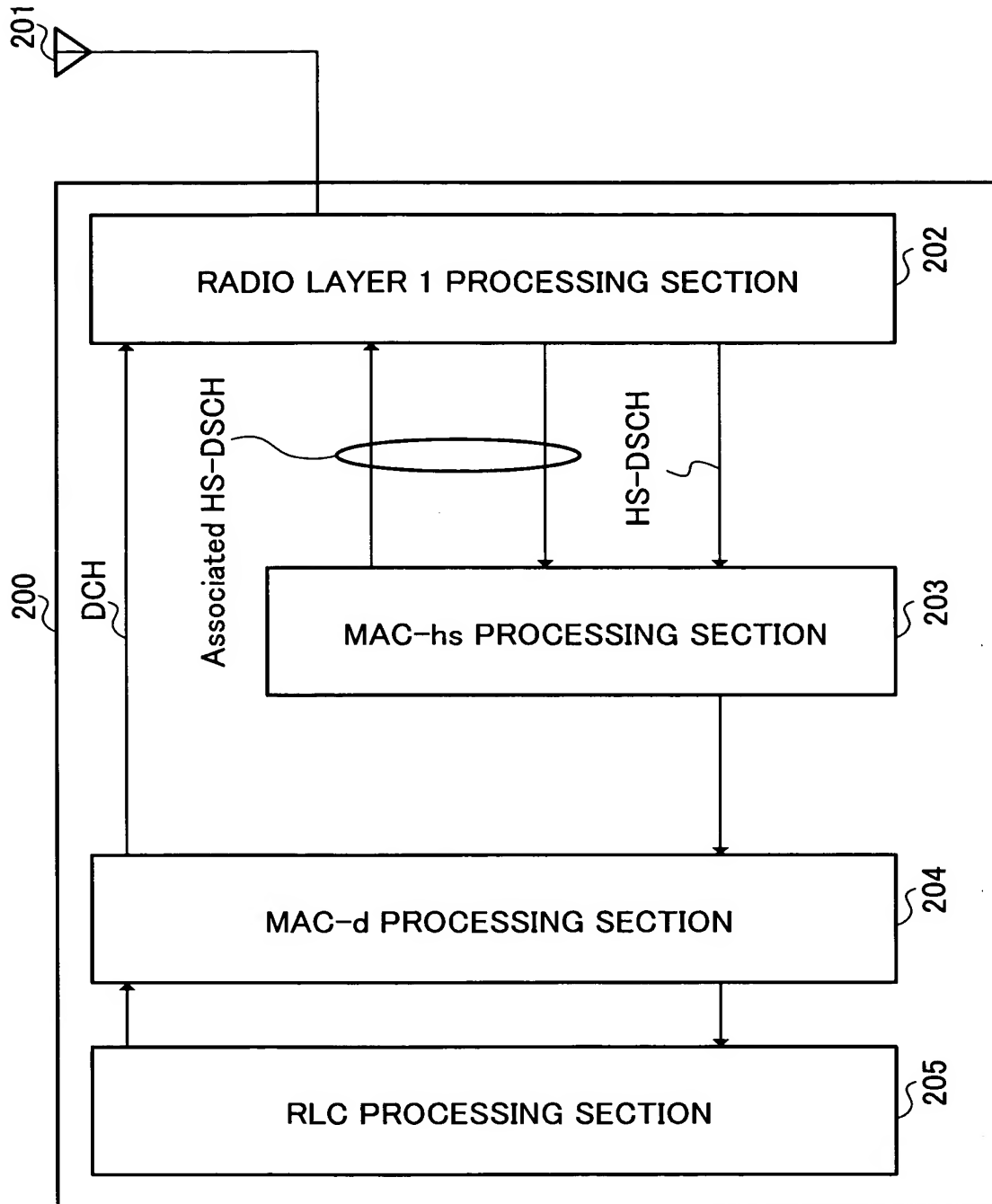


FIG.5

5/10

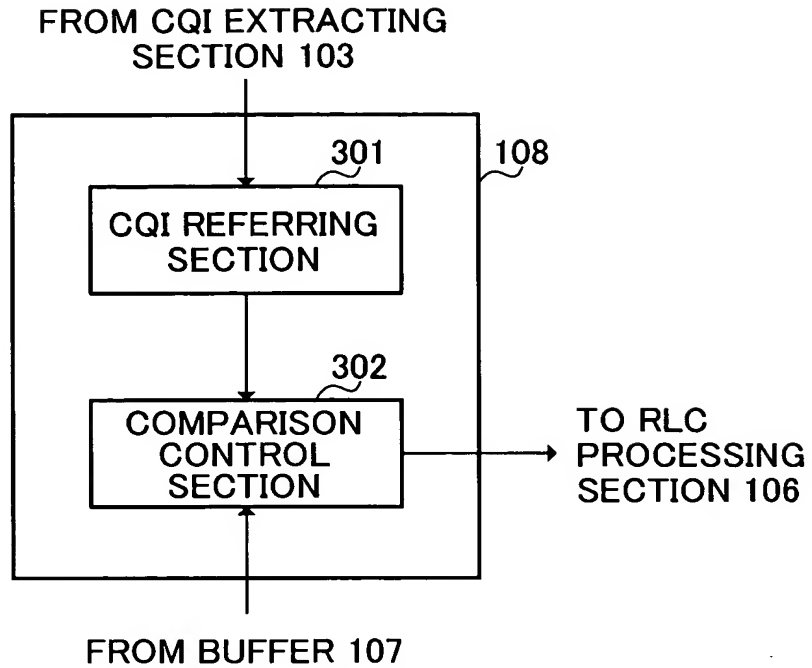


FIG.6

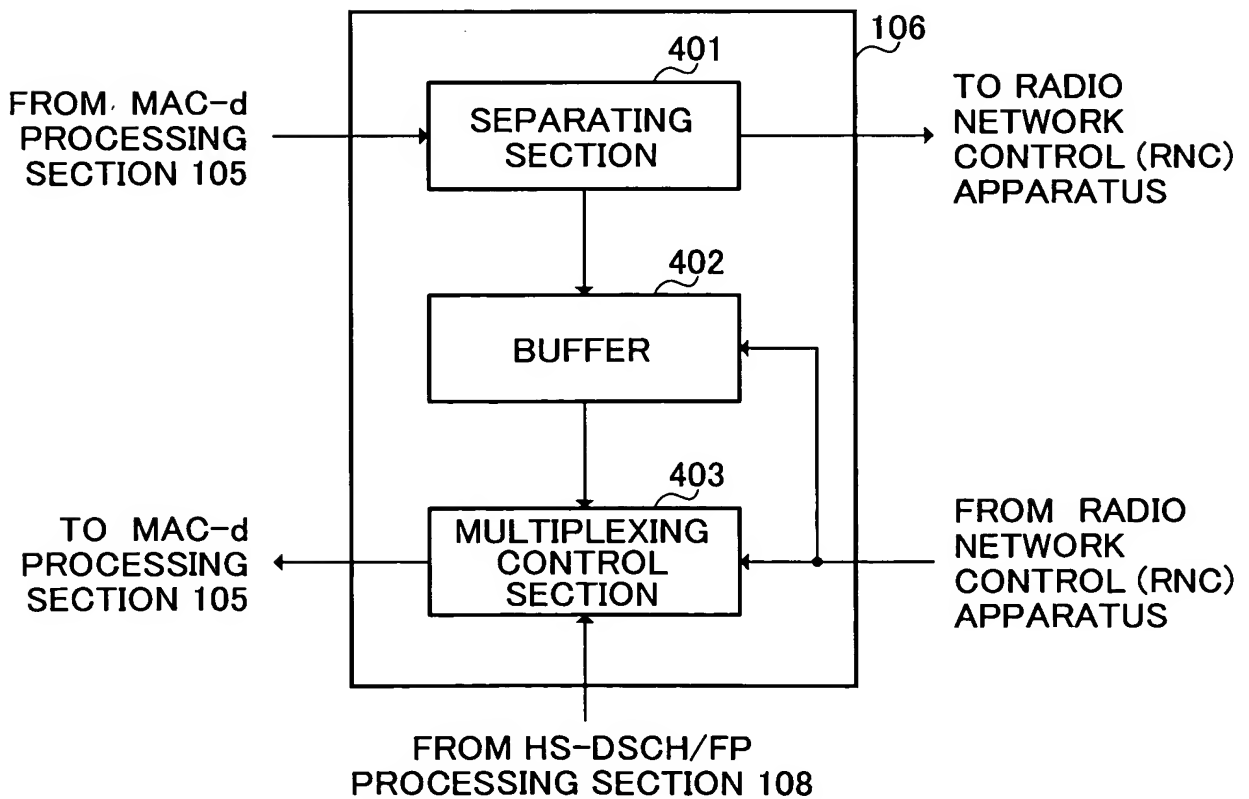


FIG.7



CQI	RECEIVABLE DATA AMOUNT [bit/sec]
1	100
2	200
3	300
⋮	⋮

FIG.8

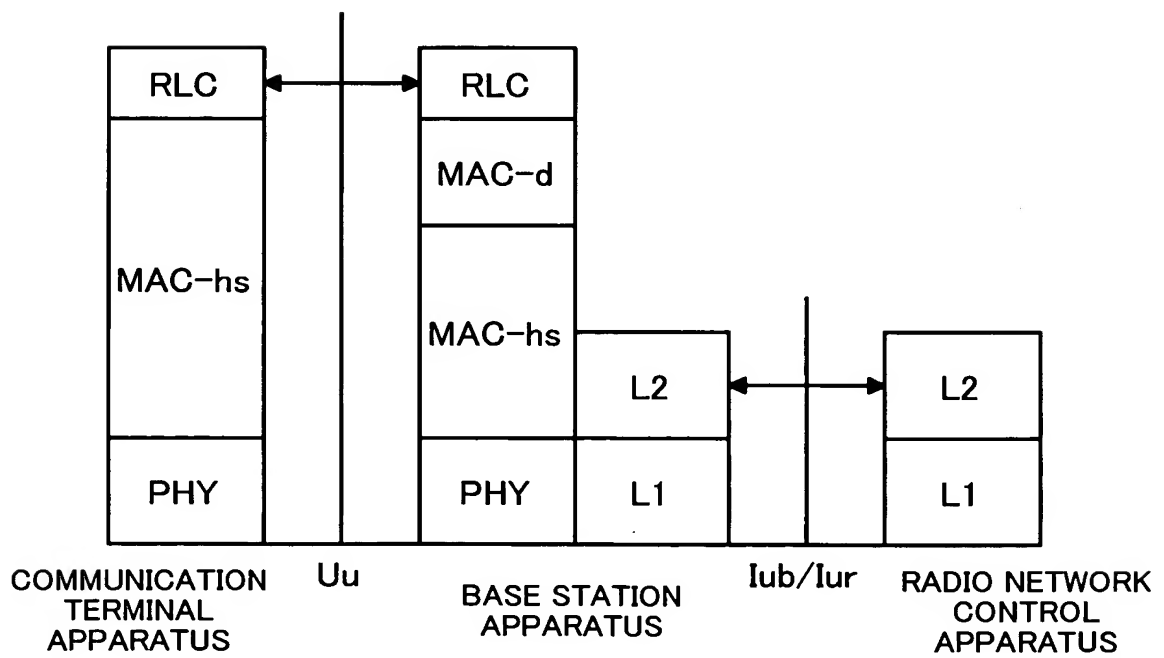


FIG.9

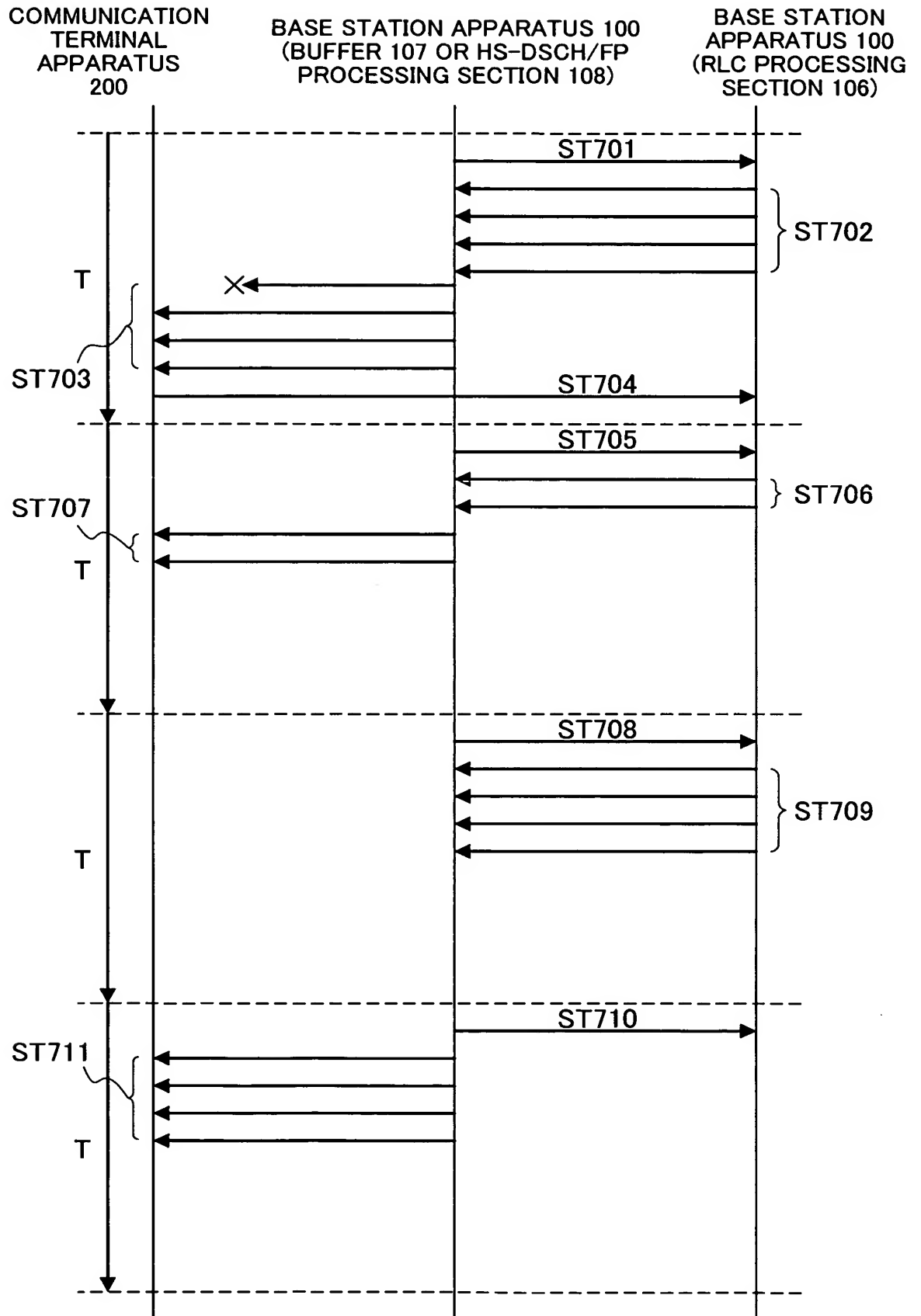


FIG.10

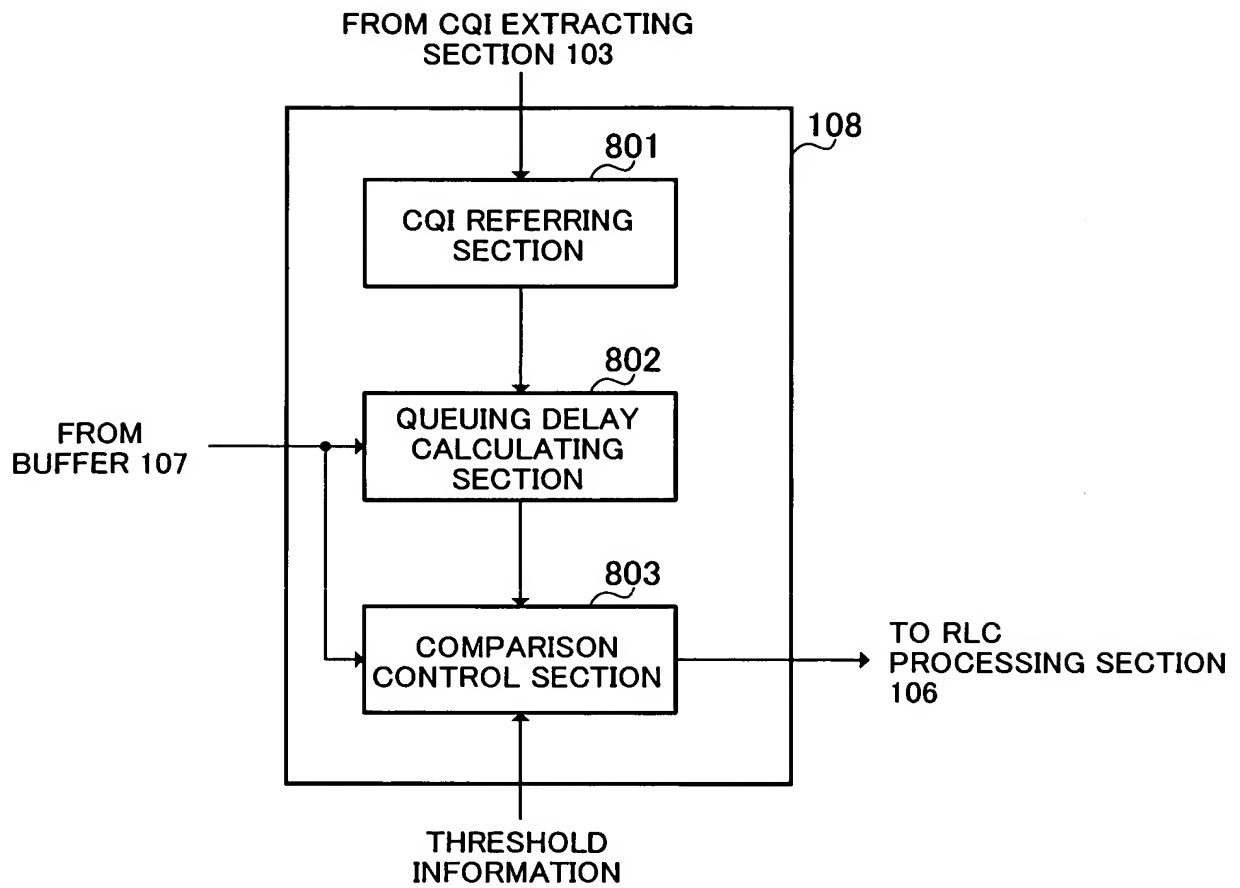


FIG.11

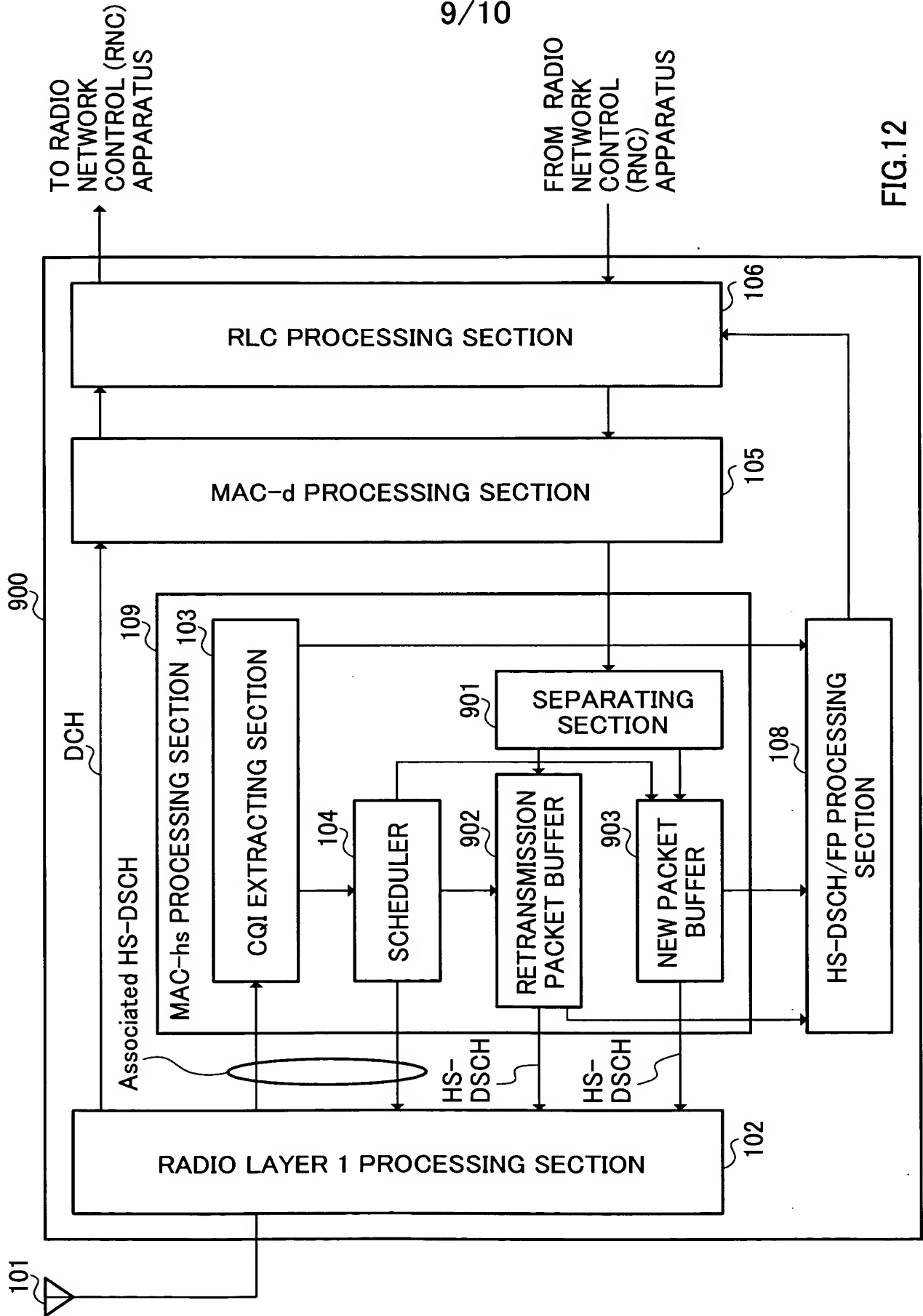


FIG.12

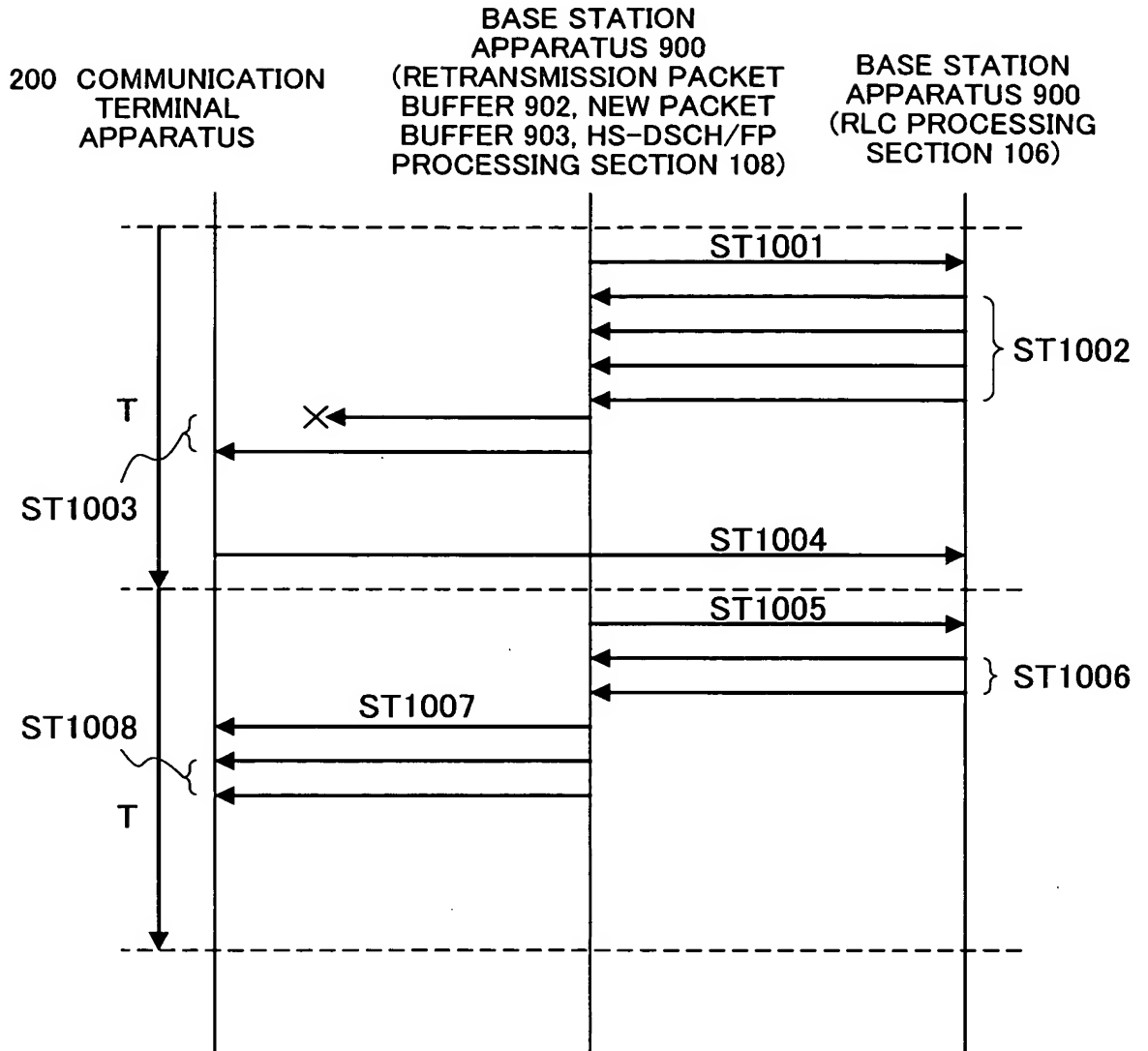


FIG.13